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	The Files	-10	17 A	pr11 1959
25X1A9A				
	Trip Report - R&D	Discussions at		25X1
25X1A6A	Set, AS-3. A det separate report. the exchange of o general, and it i the many field so	March to 1 April 195 te in preliminary te ailed summary of the Of great profit to comments and ideas co is the purpose of thi aggestions concerning	sting of the Automat se tests is the subj the writer during th noerning communicati s memorandum to reco	ic Agent ject of a is trip was ons R&D in ord some of
	2. Chief, response to sever fying. He was gi the writer is far interest the propagent equipment to the gap between t	ral recent engineering iven a status report ailiar and said he happens of the AS-5. It was discussed at lengthe prototype stage a	on those Man project d been following wit he long developments th, with special at and the production de	most grati- is with which th special al cycle of tention to scision.
25X1A9A 25X1A6A	RAD in this regar representatives a project in the Ra He suggested that mental process of "customer require	ls in a large measure rd <u>anid he h</u> ad diffi	e sympathetic to the culty explaining to delay between public y of equipment to the ining stage by stage pointing out the ne	the DD/P ication of a he field. the develop-
25X1A6A 25X1A2G 25X1A6A	3. Members operational consof agents an equipment, especiency intercept air, has no except as aids to such as the TRIX concealed on the future agent equipment.	of the staff by iderations peculiar iderations peculiar identification of the consequent requirementally receivers and it techniques jeopardisc intention of equipped inserting messages recorder. Since so person for border cripment be no thicker	such as the airment for extreme revers. Because sop an agent who remains agents with on-linto off-line stora much of its equipme rossings, EJCA suggethan the RS-6 (approximation)	predominance ly small histicated ns long on the ine keyers, ge devices nt has to be sted that oximately 2 <sup>n</sup> ).
25X1	one-way broadcas	s a large number of t operations, and is ents. New agents ca diver and an ingeniou	impatient for equip n be launched with n	ment with which to more equip-

Approved For Release 2002/08/26 : 0.5 CPT - 0.2820A000500020010-3

	they are in place they can be given instructions by broadcast regarding delivery of a transmitter and other equipment. Since only a few
25X1C10B	
25X1C10B	Consequently, there is much more concern in about the size and availability of an agent receiver than with its sensitivity or calibration accuracy; resettability remains an important
25X1A6A	requirement, however. The development of a pocket-sized transistor receiver capable of tuning 3.5 to 6 ms or 3.5 to 12 ms was said to be primary equipment requirement at the present time. The Head-quarter's cable agreeing to furnish 40 crystal-controlled receivers by
25X1A6A	27 May was received enthusiastically at They would have preferred, they said, a tunable receiver - such as an RCA pocket portable with its tuning range shifted to 3.5 to 6 ms or so, but any solution at all to the problem is welcome. Various designs for a collapsible battery holder for size D cells were also discussed.
25X1A6A	5. The philosophy that any equipment is better than none was encountered at time and again. It is the only defense, for example, for the German TRII recorder, an "erests" tinkertoy with
25X1A6A	little to recommend it beyond a price we can afford and sterility for which we can be grateful is fully aware of its limitations, however, and admits to using it only in desperation. No active agents have been equipped with this recorder as of 1 April but it has been used, with disconcerting success, in many training contacts. During
25X1A6A	the writer's visit a British recorder known as FICORD, which is flatter and much more professional appearing than the TRIX, was being examined at and its initial impression on everyone was favorable.
25X1A6A	6. Operations officers on the staff were pleased to learn that we are developing a Digital Display System, DS-1, and an Agent
25X1A6A	VPO, OS-4, and predicted that these devices would find widespread use in The references to these developments in resent R&D reports
25X1A6A	have apparently passed unnoticed in and there may be some merit in the Chief, suggestion that this report be made more readable
25X1A6A	to Commo and less available to DD/P. 25X1A6A
25X1C10B	7. The operational situation in is different in many
25X1C10B	respects from that in
	Subministure con-
25X1A6A	struction does not therefore offer the advantage it does in and may actually be a disadvantage in due to the increased cost and
25X1C10B	there for a small low-cost transistor receiver similar to the RR-33
25X1C10B	which would allow
	25X1A6A

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25X1A6A

25X1A6A 8. The miniature hand key developed for the TALLOR project was shown to the operations staff at The standard agent package used by contains a large Signal Corps J-38 hand key which would like to replace with the TAILOR key. Accordingly was was told that they would be advised of the stock number of these keys so that 25X1A6A they could requisition them through normal channels. 25X1A6A indicated that the informal discussions of R&D and operational problems held during this visit had been mutually profitable and suggested that a representative of the R&D Laboratory be sent on a similar trip in the near future. expressed his pleasure that the preliminary 25X1A6A 10. Chief. operational test of the AS-3 had been held in the field, and said he hoped that this procedure would be followed more frequently in the future. 25X1A9A Distributions R&D Subject File Monthly Report OC-0 OC-T/CT-OR RED Lab AS-3 Pile File 25X1 File RP Chrono OC-E/R&D-EP/WJS:wlj (17 April 1959)